



Automatic Temperature Sensing

- **Reduce Energy**
- **Improve Quality**
- **Ease Training**

Simple, Cost Effective Process Control...

By providing accurate information and easy feedback, you eliminate overcooking reducing energy costs.

Once overcooking is eliminated both fat and meal finished product quality improve making product easier to market and providing higher returns.

Customers with Alloy temperature sensors report they can turn a novice into a cooking expert in as little as one shift reducing training costs.



Making use of the relationship between temperature and moisture level, the ALLOY Temperature System provides a simple, cost effective technique of assuring your product is at proper moisture for pressing before dumping.

SIMPLE INSTALLATION:

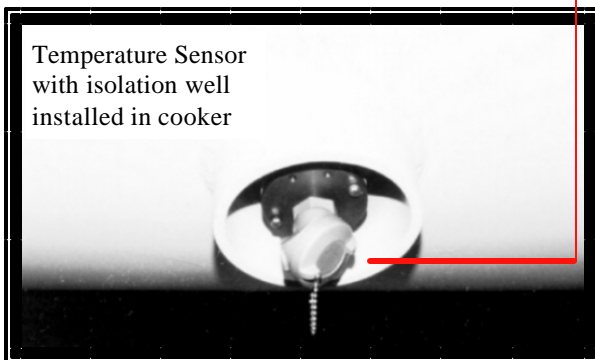
Easy installation in the vessel proper, 110V control current to the control panel along with simple 2 conductor connecting wires. ALLOY also offers "retro fit" units for conversion of the ANCO resistance system.

ACCURATE:

The ALLOY system uses technology that is accurate to less than 4 degrees F.

RELIABLE:

The ALLOY system uses low voltage Thermocouple technology. Additionally, ALLOY uses highly reliable NEMA 4 controllers to minimize wash-down problems.



Temperature Sensor with isolation well installed in cooker

Automatic

Accurate

Cost Effective

Simple

Reliable

Flexible

The ALLOY system provides (3) levels of operator feedback....

AUDIBLE ALARM:

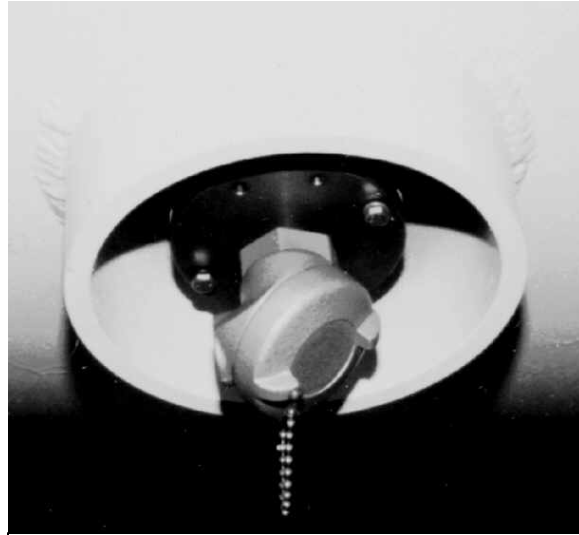
This alarm sounds above plant noise to advise operator the cooking process is complete. The alarm can then be silenced by pressing the silence button.

VISIBLE LIGHT:

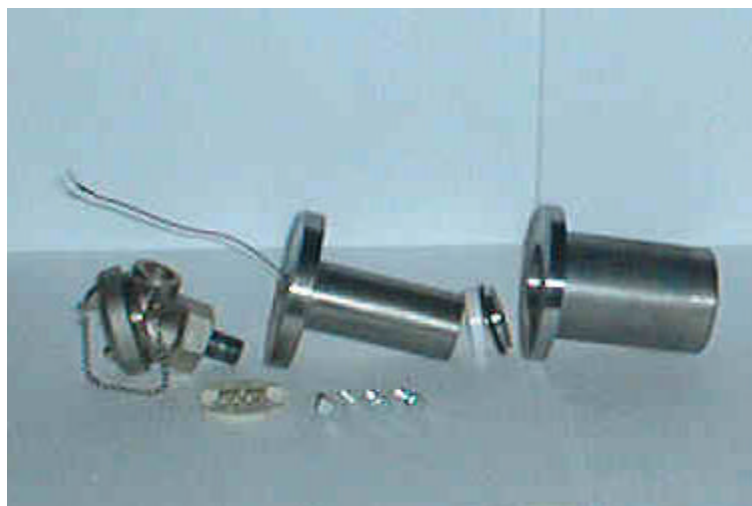
At the same time the alarm sounds, a bright light indicating “overtemp” condition lights and remains lighted until the cooker is refilled, keeping the operator advised which cooker was last completed. This aids in elimination of “double blows” and keeps operators aware of the status of cookers even after the alarm has been silenced.

DIGITAL LED CONTROLLERS:

ALLOY offers digital LED controllers which are readable from several feet away, keeping operators aware of the temperature of each vessel.



Easily retrofitted to existing vessels, by addition of the isolation well and temperature sensor as shown.



Modular Design means you replace only worn components reducing long term cost of ownership.